

FIG.1

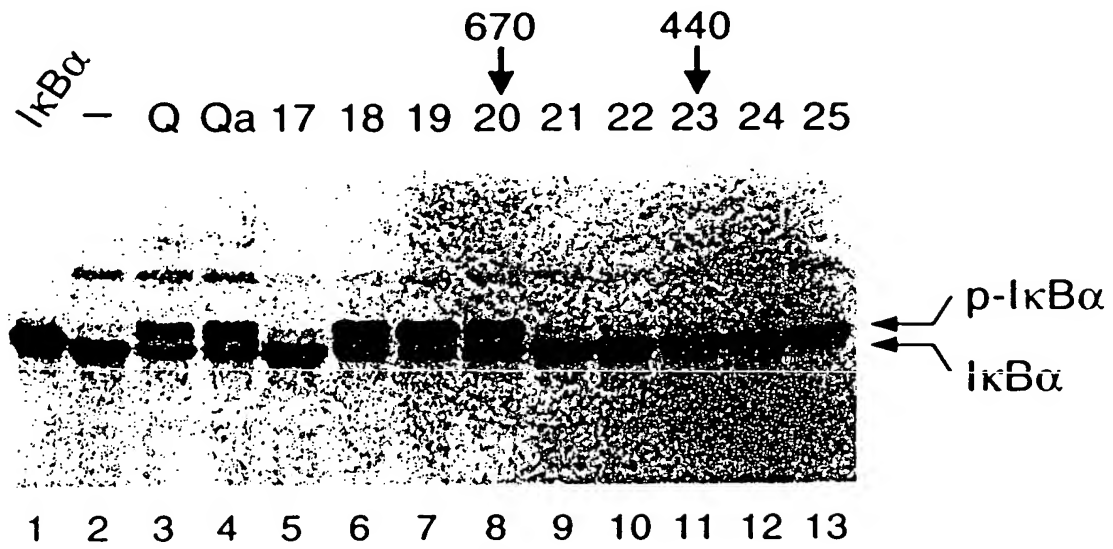


FIG.2A

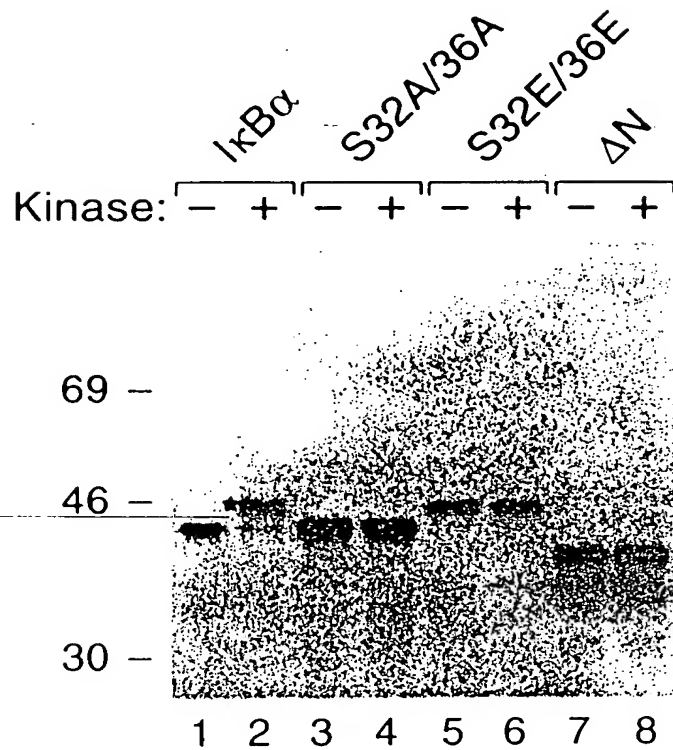


FIG.2C

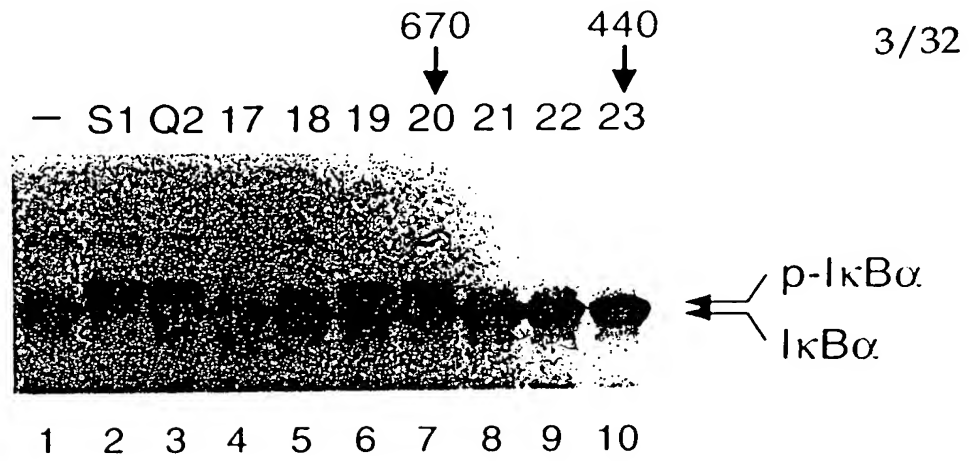


FIG.2B

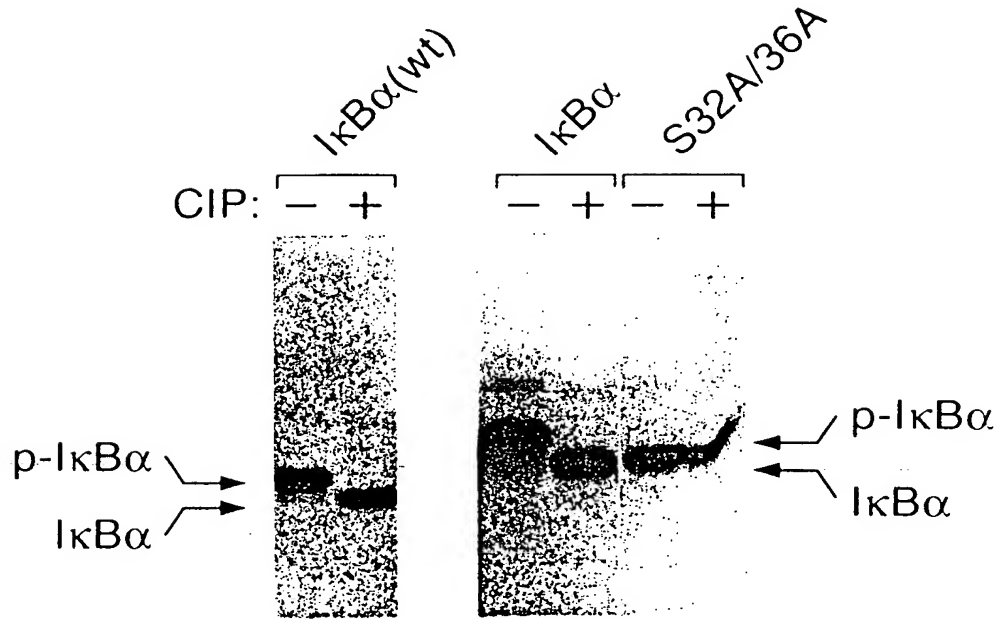


FIG.2D

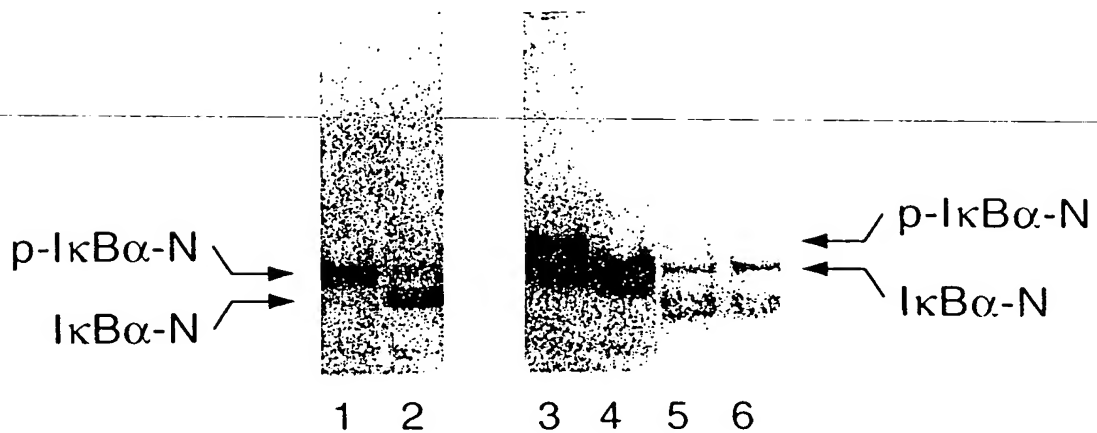


FIG.2E

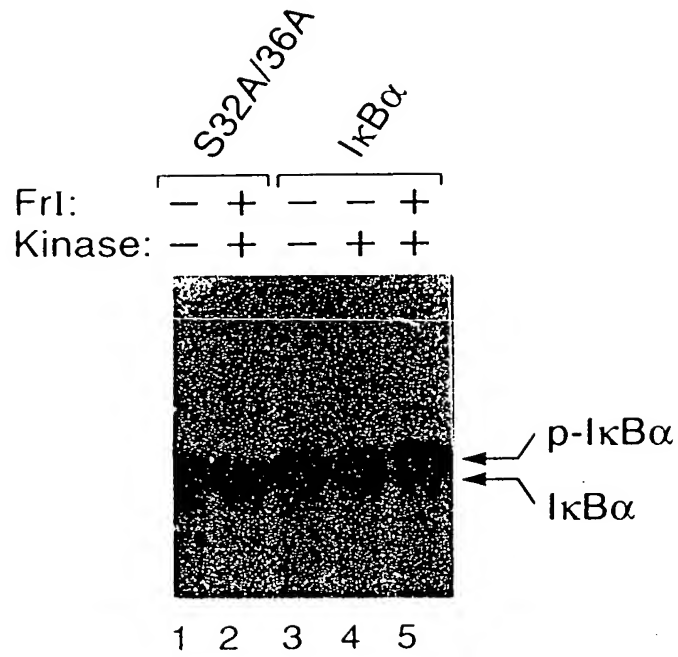


FIG.3A

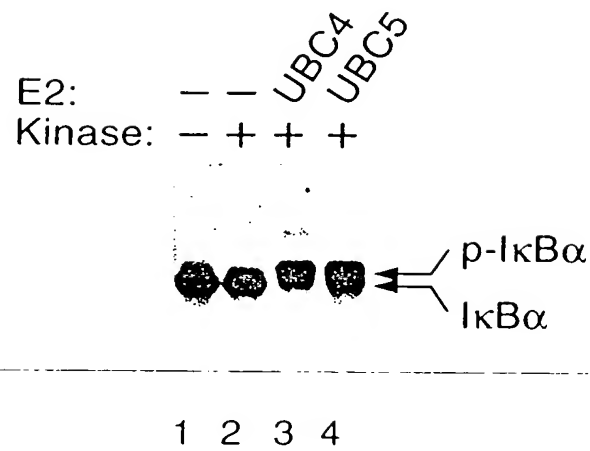


FIG.3B

FIG.3C

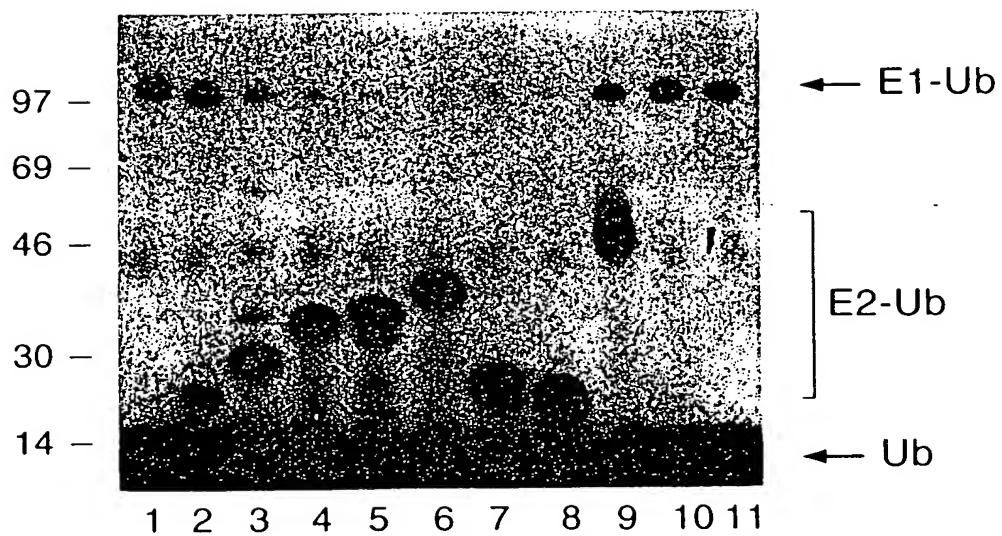
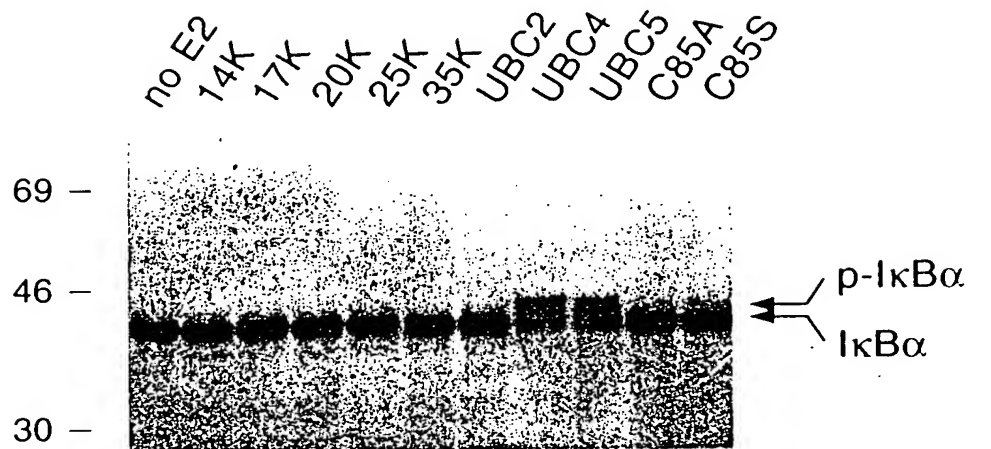


FIG.3D

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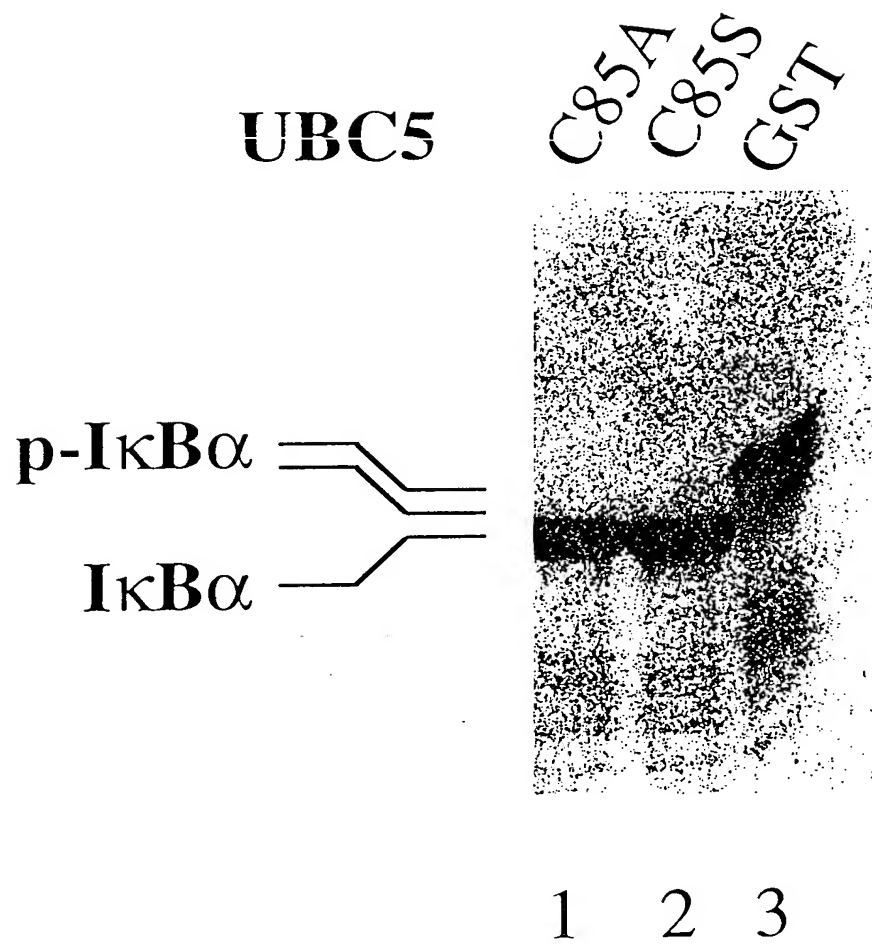


FIG.3E

Ub(μ M): 0 0.1 0.3 1 3 10

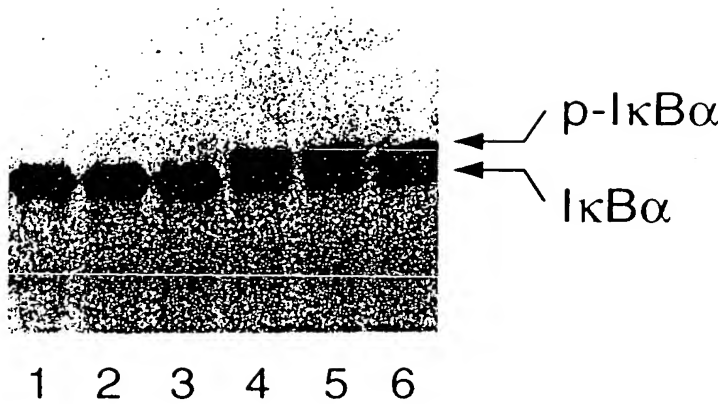


FIG.4A

Order of addition:

Ub(μ M): 0 1.2 2.4 2.4 60 0 2.4 60
 MeUb(μ M): 0 0 0 40 40 40 40 40

Order of addition:
 Ub/MeUb (lanes 4-5)
 MeUb/Ub (lanes 7-8)

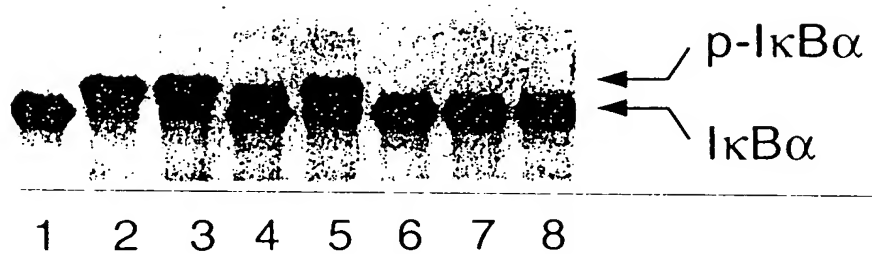


FIG.4B

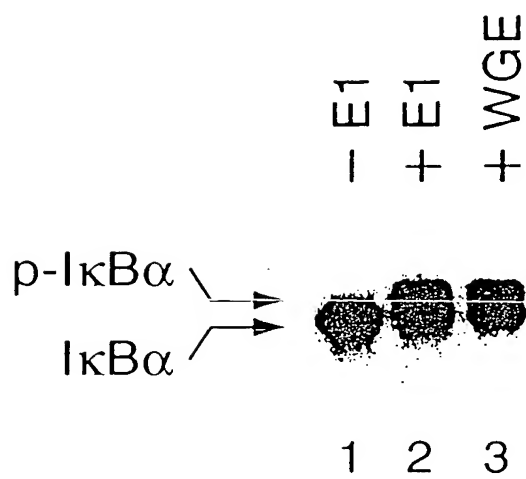


FIG.5A

Kinase:	-	+	+	+
Rel A:	+	+	-	+
OA:	+	+	+	-

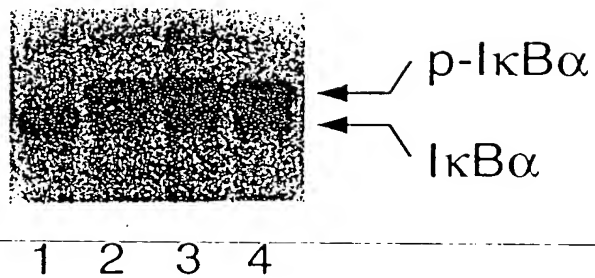


FIG.5B

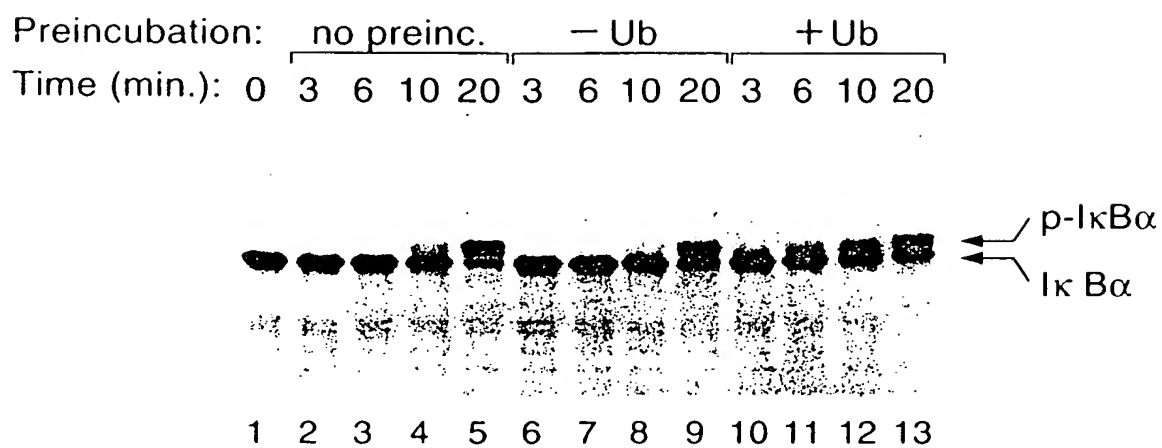


FIG.6A

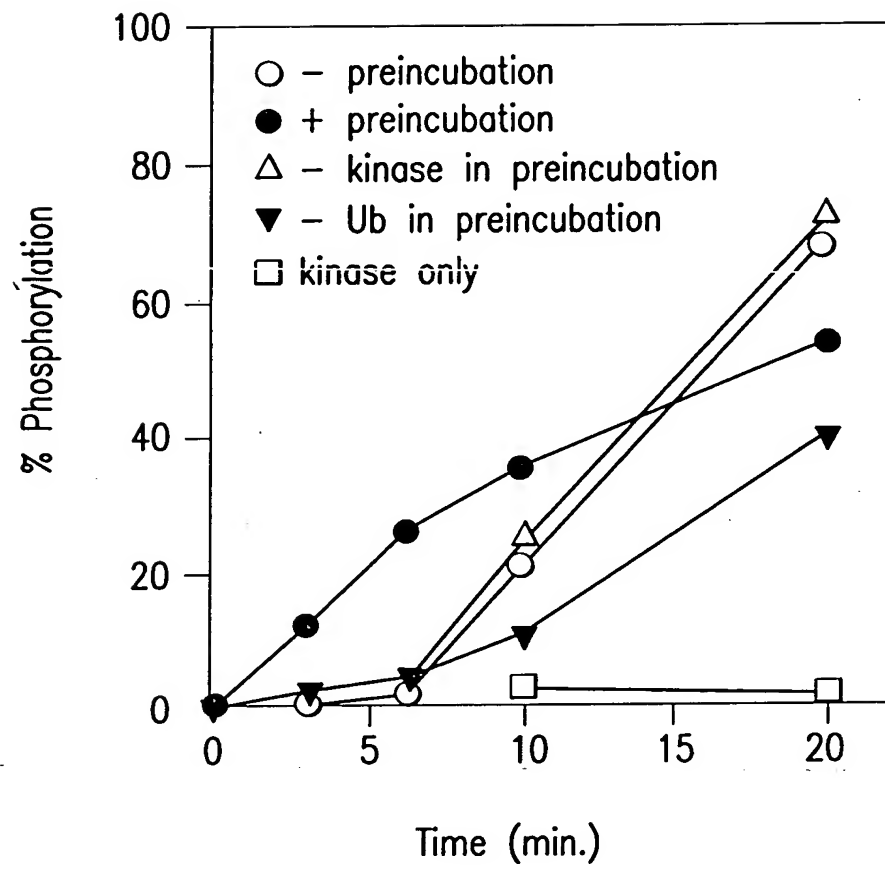


FIG. 6B

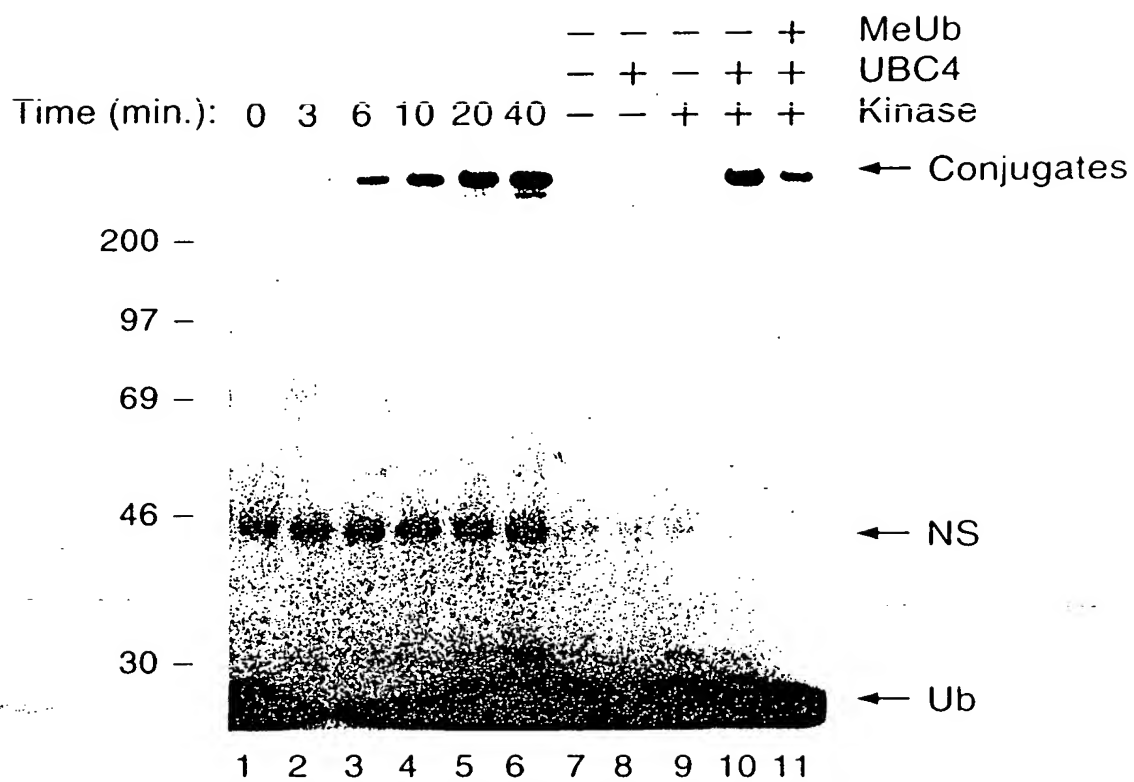


FIG.7A

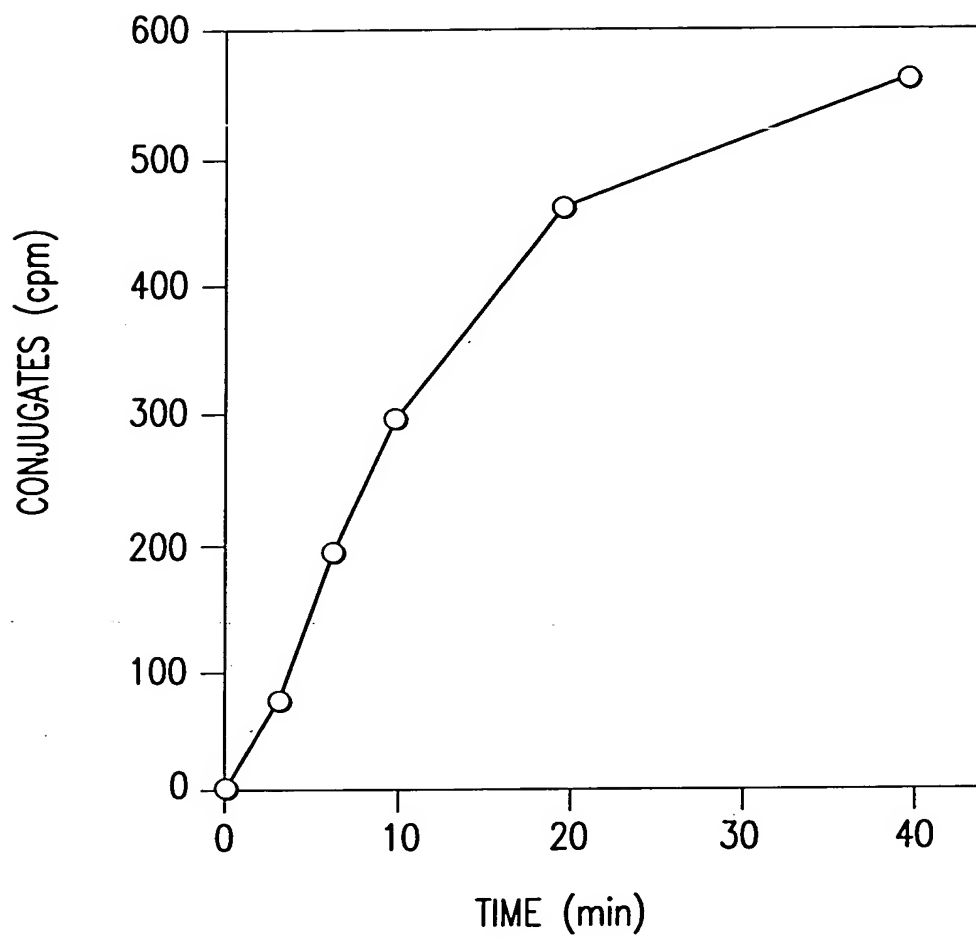


FIG. 7B

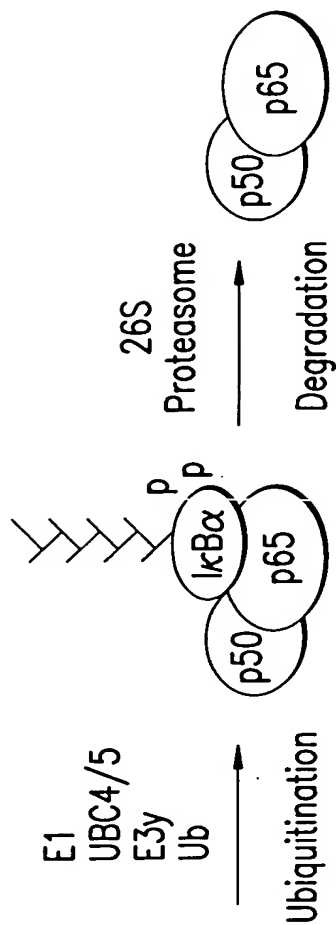
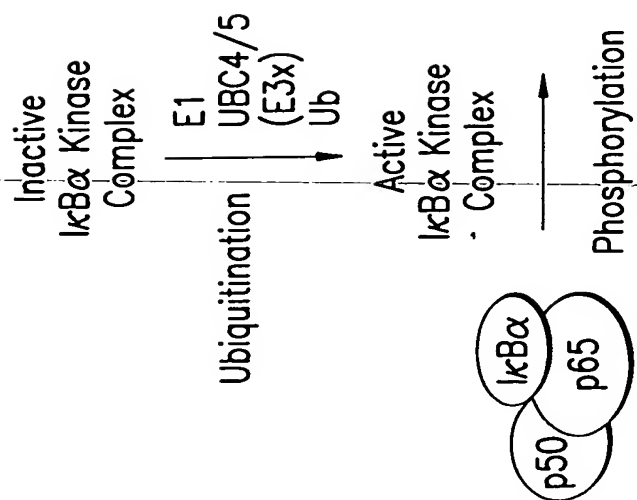


FIG. 8

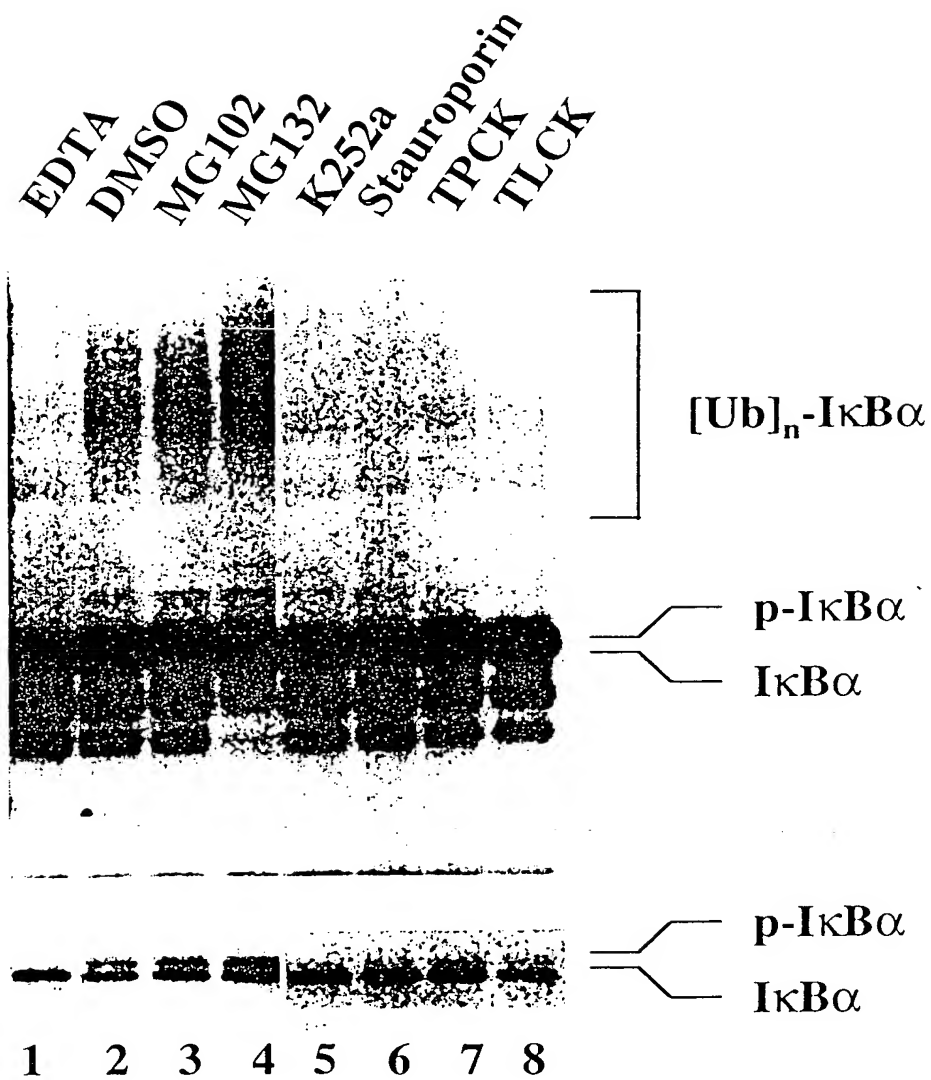


FIG.9

FIG.10A

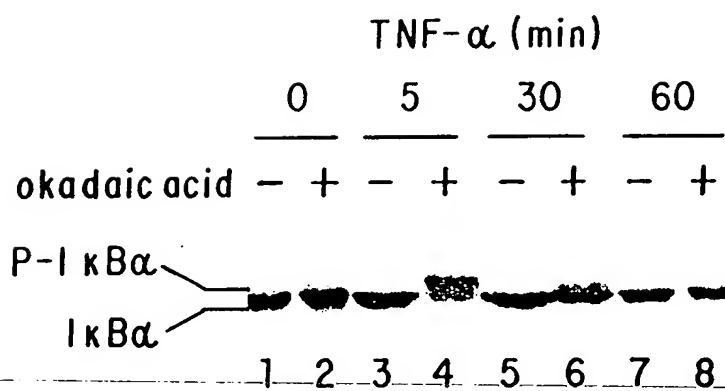
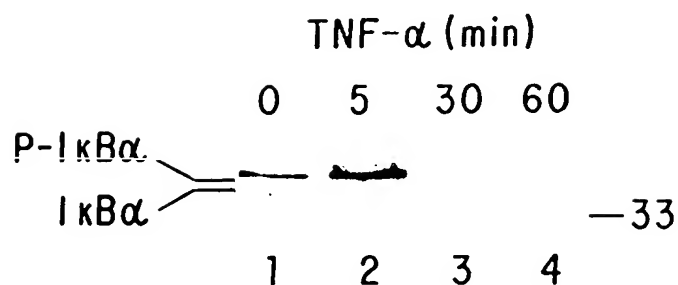


FIG.10B

FIG.10C

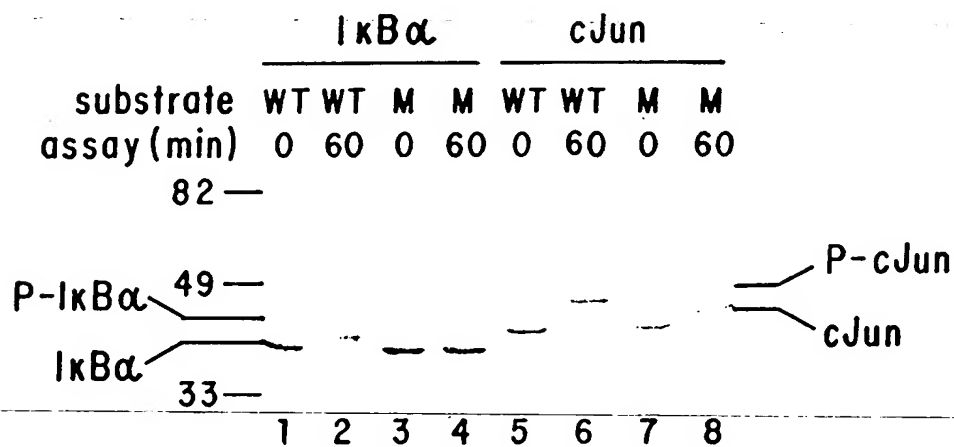
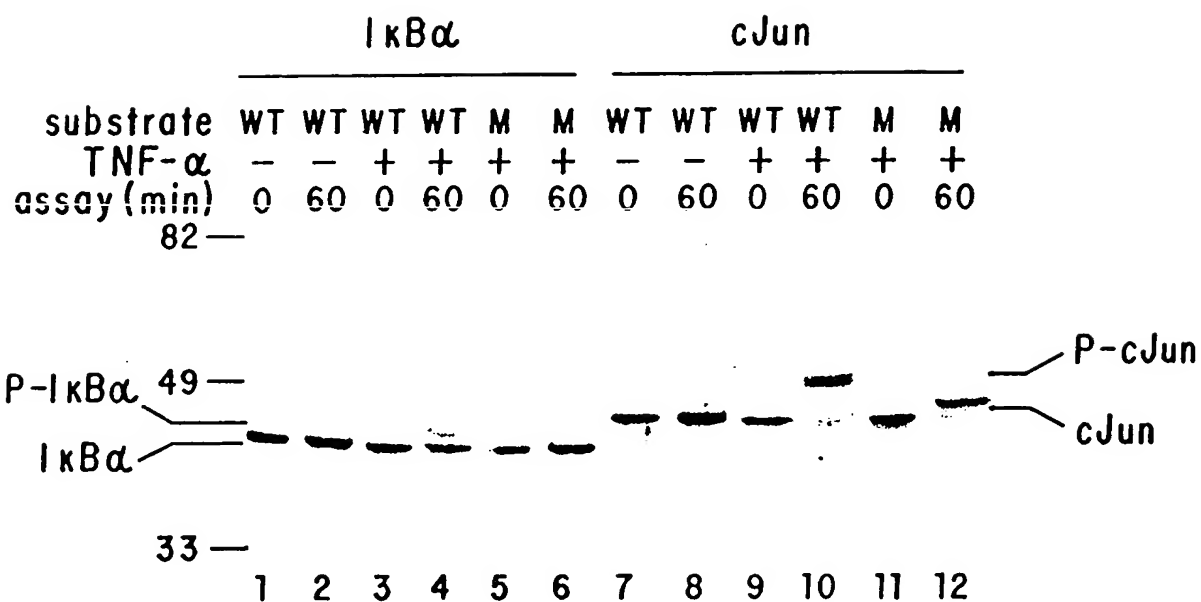


FIG.10D

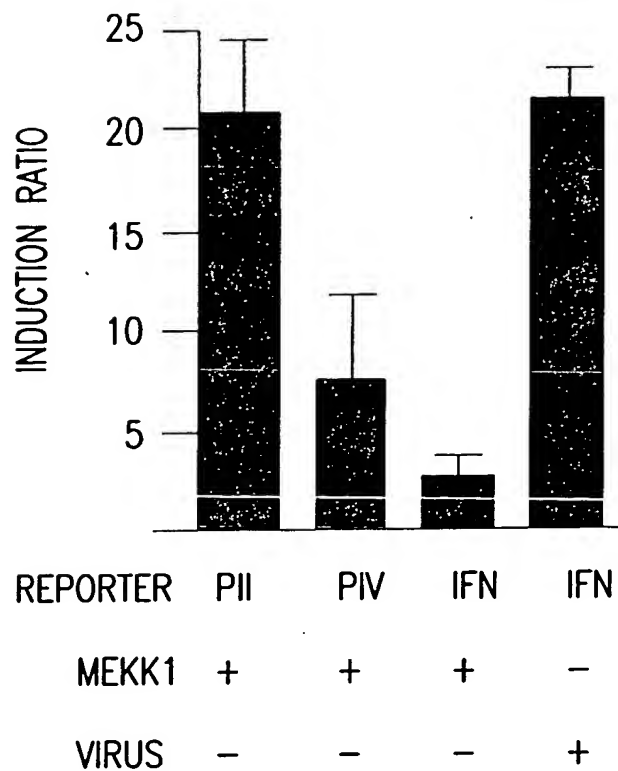


FIG. 11A

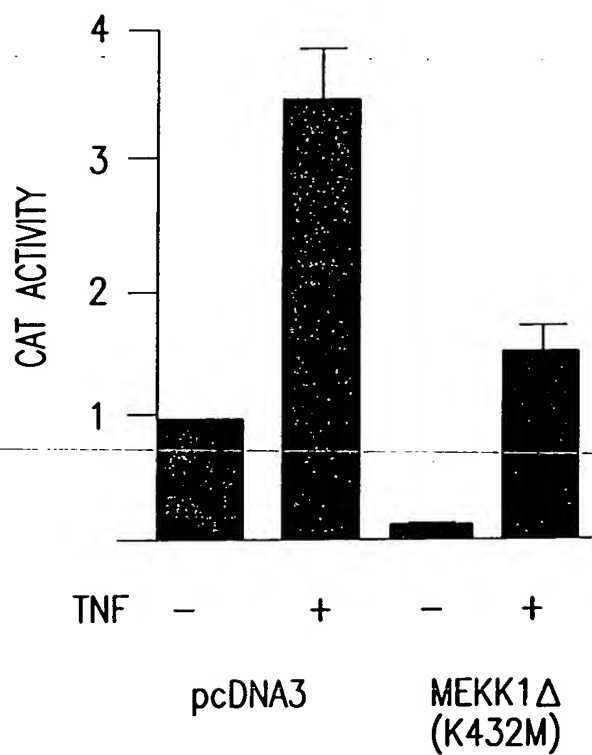


FIG. 11B

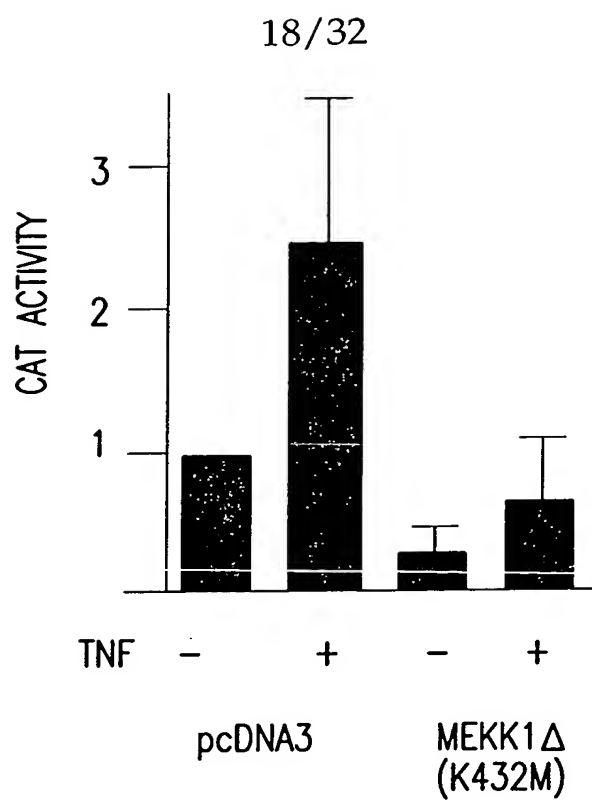


FIG. 11C

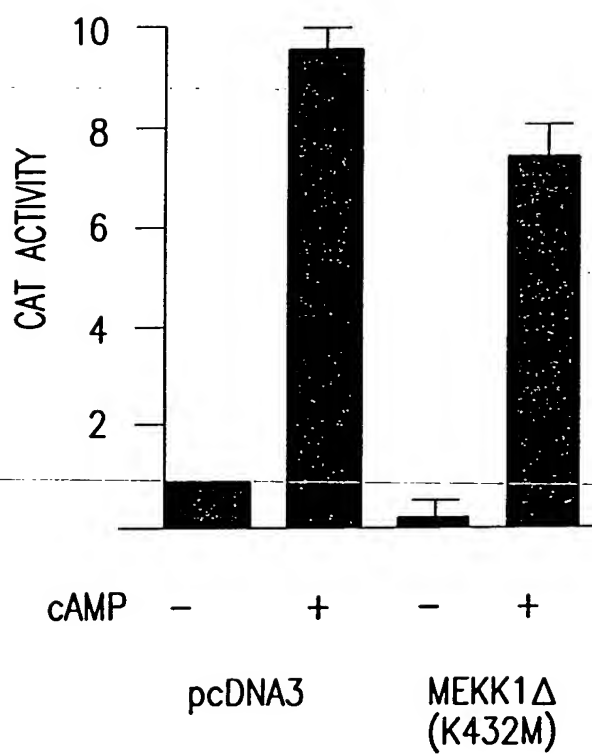


FIG. 11D

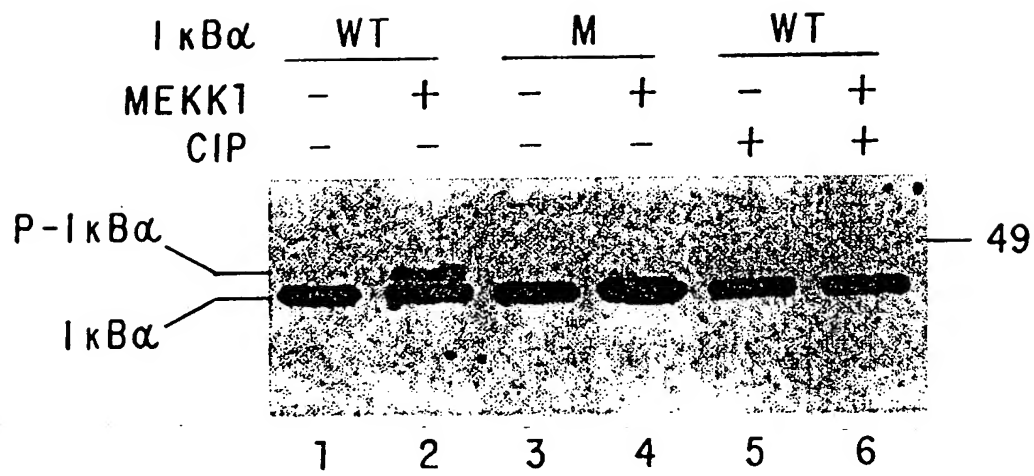


FIG.12

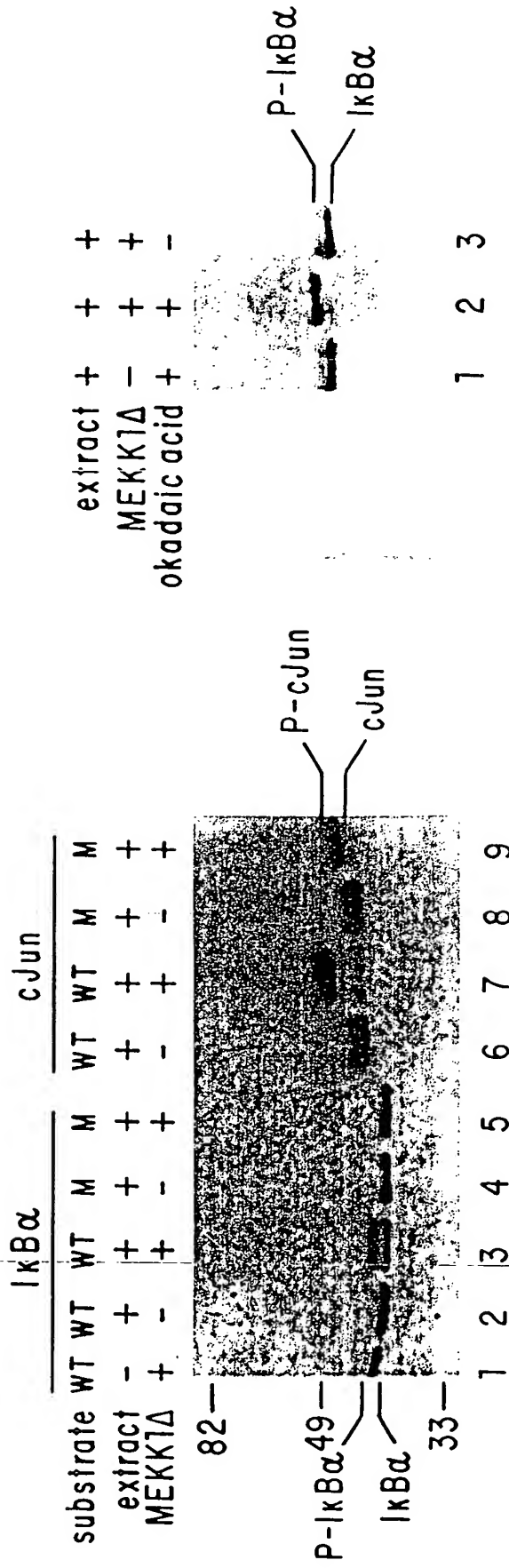


FIG.13A

FIG.13B

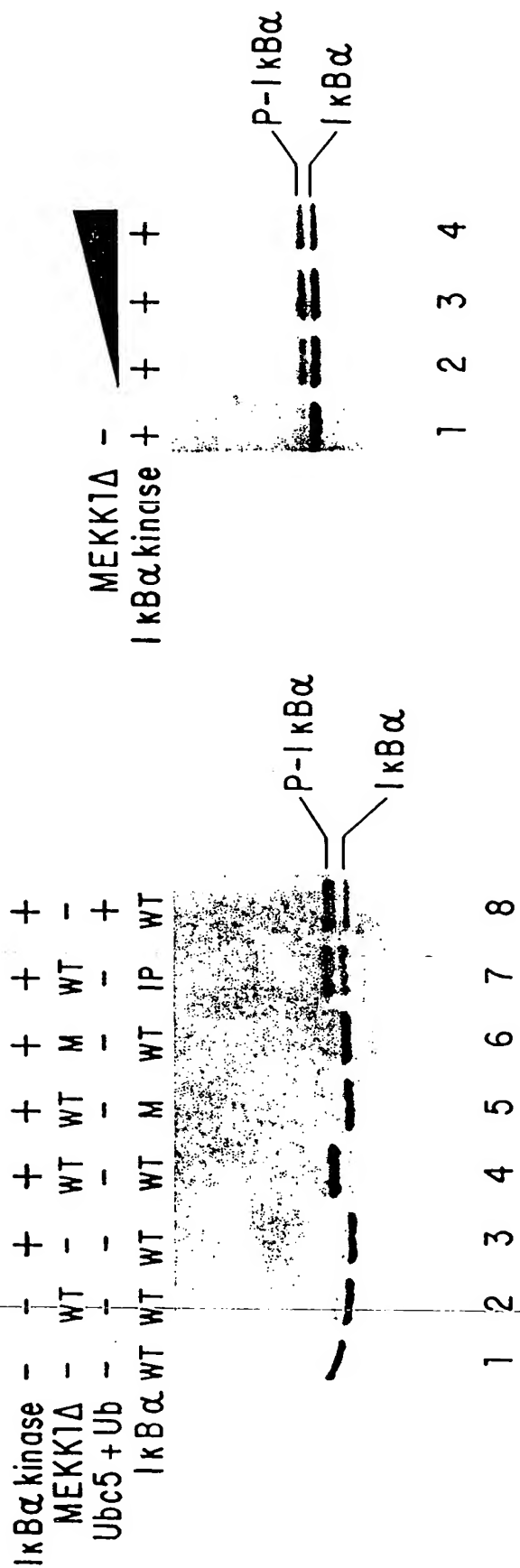


FIG.13C

FIG.13D

FIG. 14A



FIG. 14C

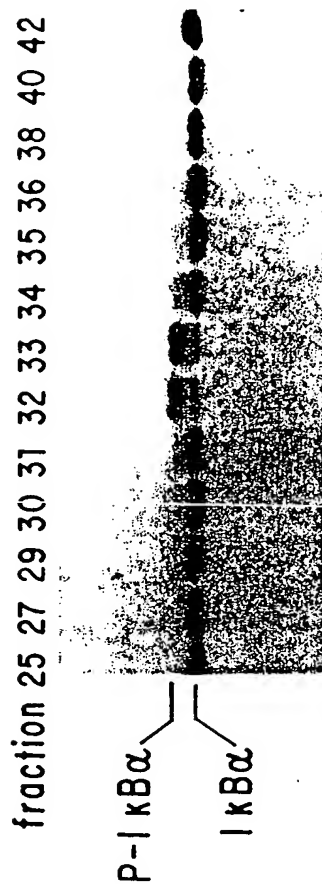


FIG. 14B

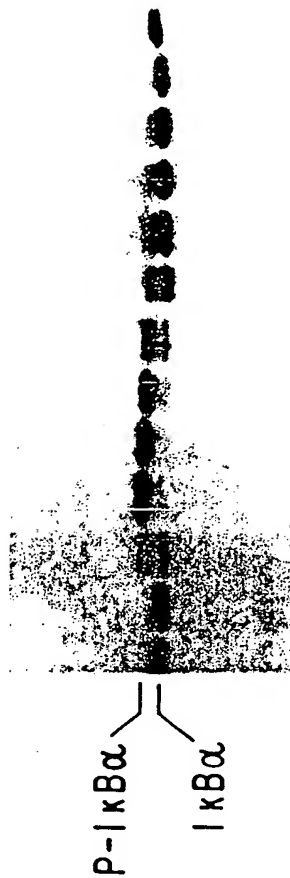


FIG. 14D

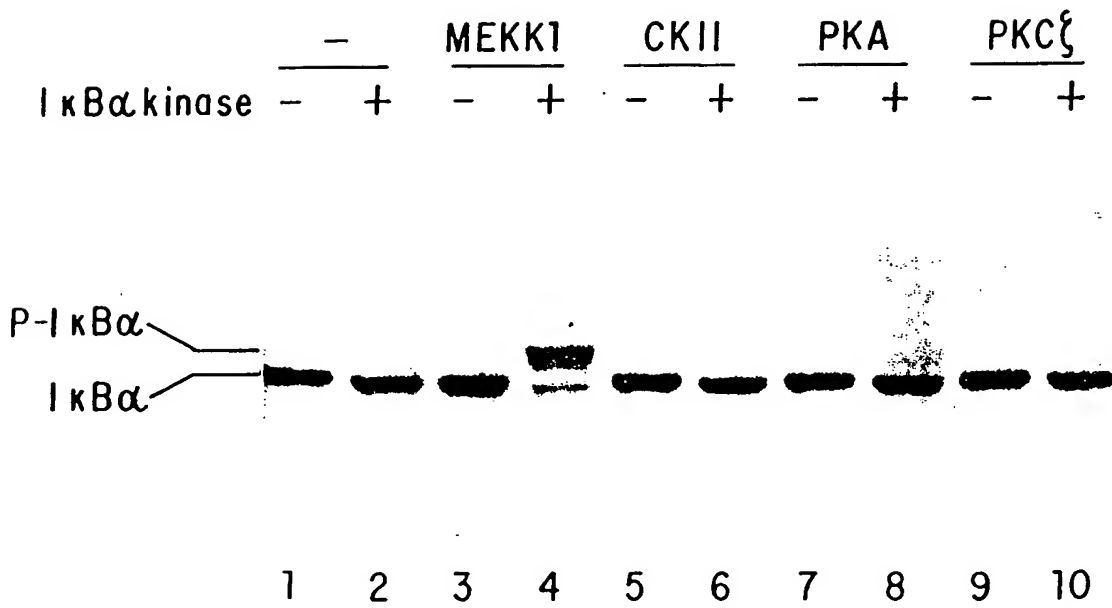


FIG.15A

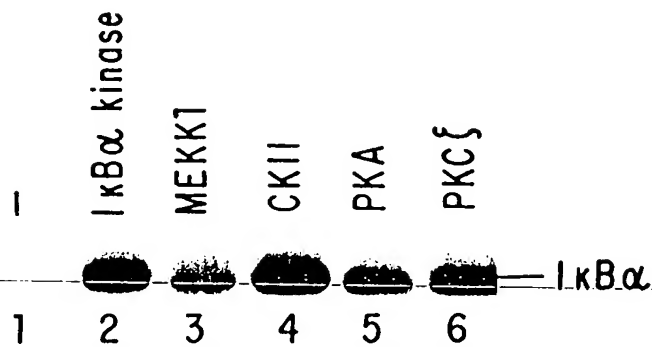


FIG.15B

CIP	-	-	+	+
MEKK1Δ	+	-	+	-

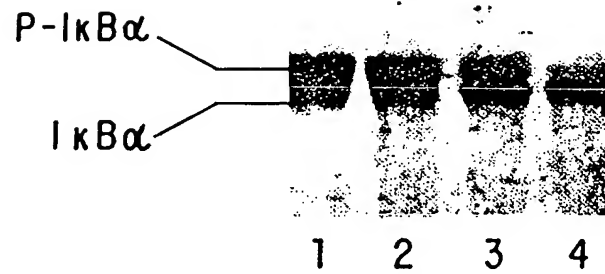


FIG.16A

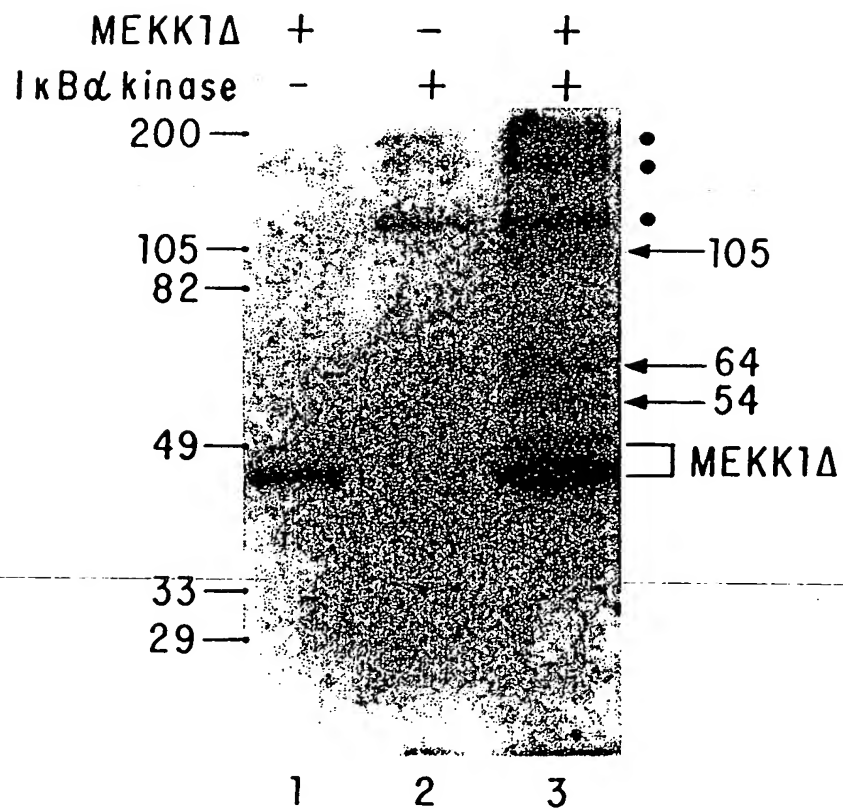


FIG.16B

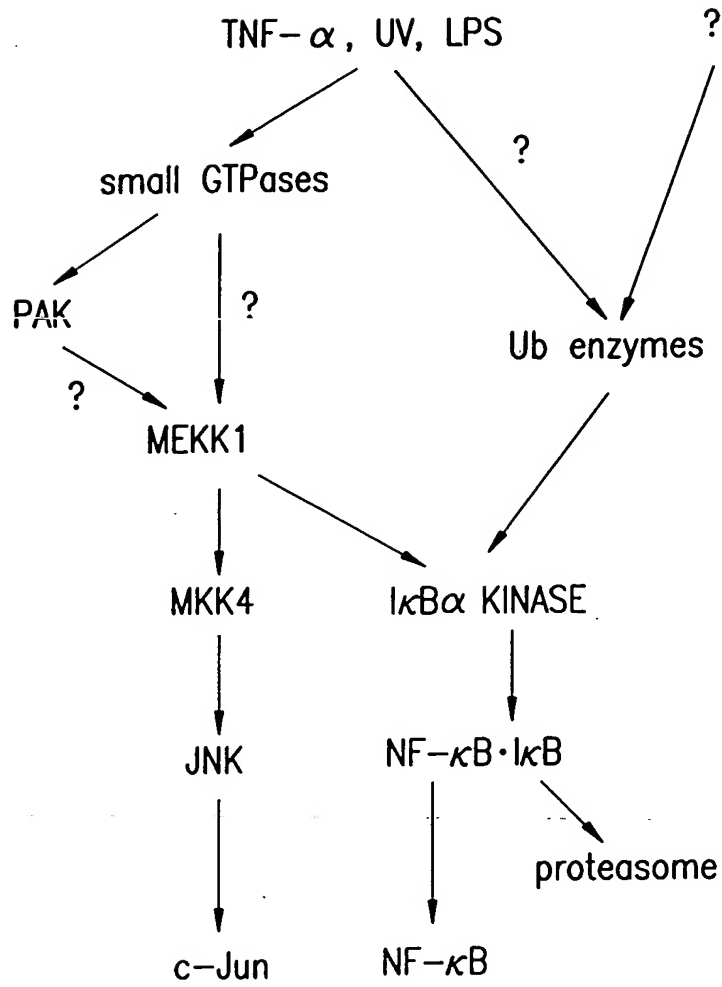


FIG. 17

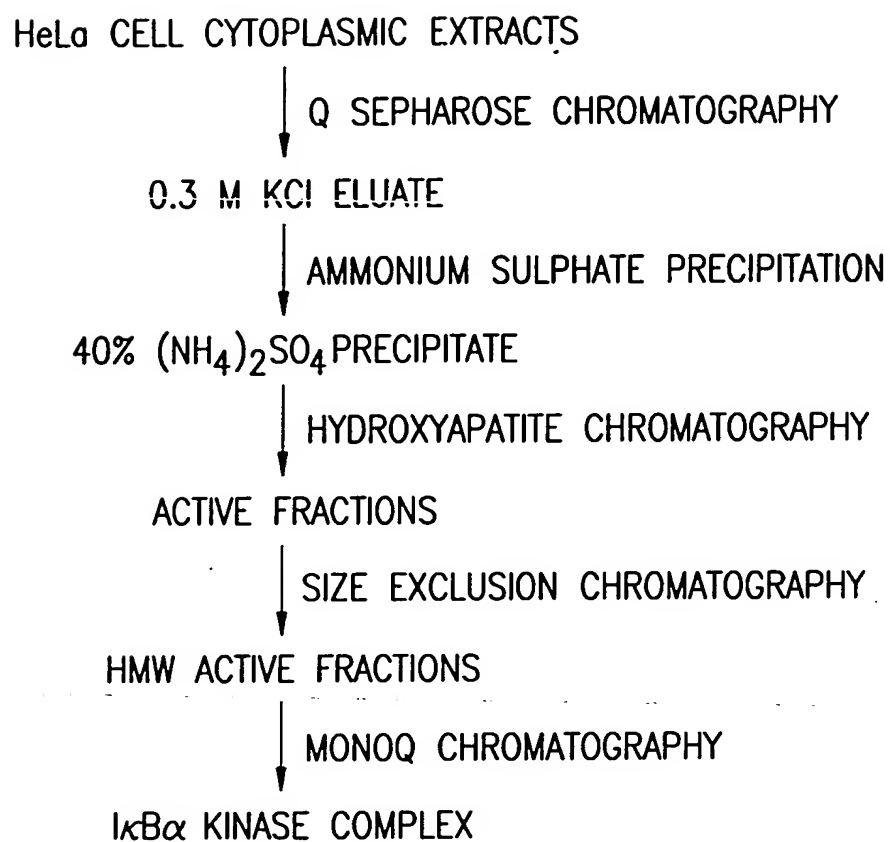
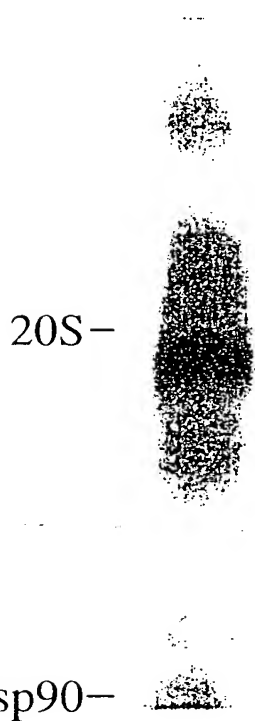


FIG. 18

Native Gel
(2-15%)



SDS Gel
(12%)

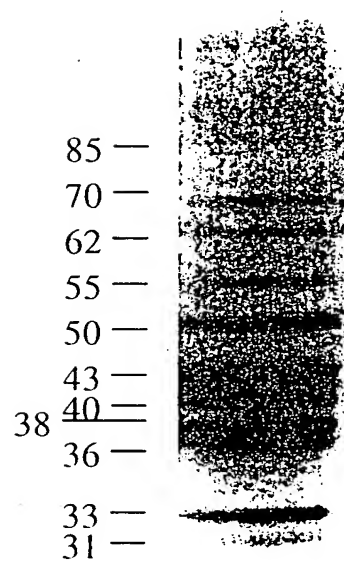


FIG.19A

FIG.19B

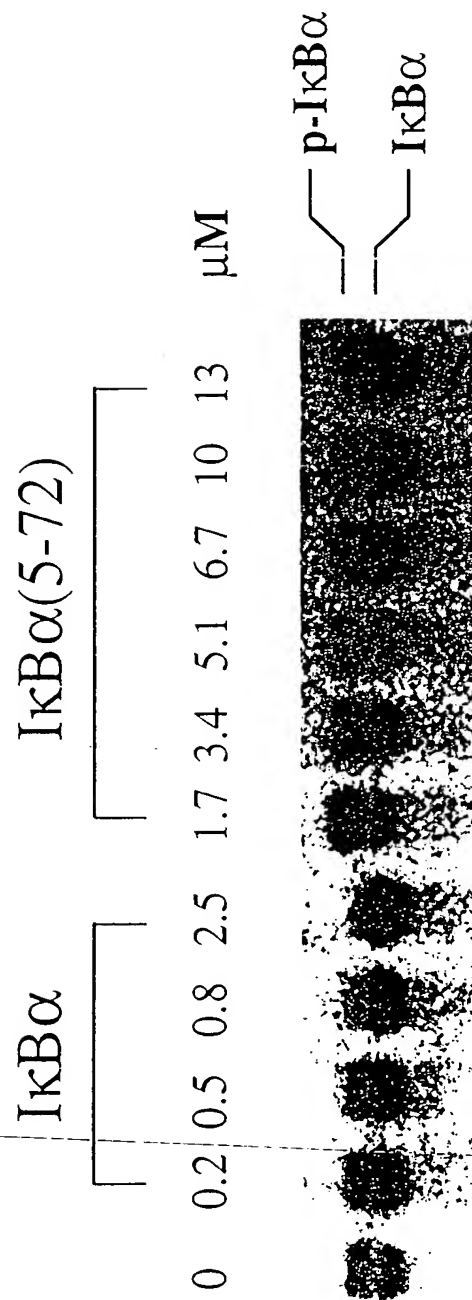


FIG.20

A p50: pep1: [L/I] [Y] [V] [E] [L/I] [E] [R]
B pep2: [L/I] [Q/K] [E] [V] [L/I] [E] [T] [L/I] [L/I] [S]
C [L/I] [E] [K*]
D pep3: [L/I] [F] [T] [T] [M] [E] [L/I] [M] [R]
p40: pep4: [T] [Y] [H] [A] [L*] [S] [N] [L*] [P] [K*]

FIG.21

2025-07-01 10:00:00

1 gggtgacgag tgggtggccga agcaggggga cagcaaggga cgctcaggcg gggaccatgg
61 cggacggcgg ctcgagcg gctgacgggc gcatcgtcaa gatggaggtg gactacagcg
121 ccacggtgga tcagcgccta cccgagtgtg cgaagtatgc caaggaagga agacttcaag
181 aagtcattga aacccttctc tctctggaaa agcagactcg tactgcttcc gatatggtat
241 cgacatcccg tatcttagtt gcagtagtga agntgtgcta tgaggctaaa gaatgggatt
301 tacttaatta aaaatattat tgctttttgt ccaaaaggcg gagtcaagtt aaaaacaagc
361 tagttgacaa aaaatggatt naacagttgc tgnacttat tgttt

1 ataccaagag gtaccaggaa gcattgcatt tgggttctca gctgctgcgg gagttgaaaa
61 agatggacga caaagctctt ttggtggaag tacagctttt agaaagcaaa acataccatg
121 ccctgagcaa cctgccgaaa gcccgagctg ccttaacttc ttctcgaacc acagcaaatg
181 ccatctactg cccctaaat tgcaggccac cttggacatg cagtcgggta ttatccatgc
241 agcagaagag aaggcttgaa actcgtaact atacttctat gaggcattta gggatgact
301 catcgacagc ccaaggcatc aca

FIG.22

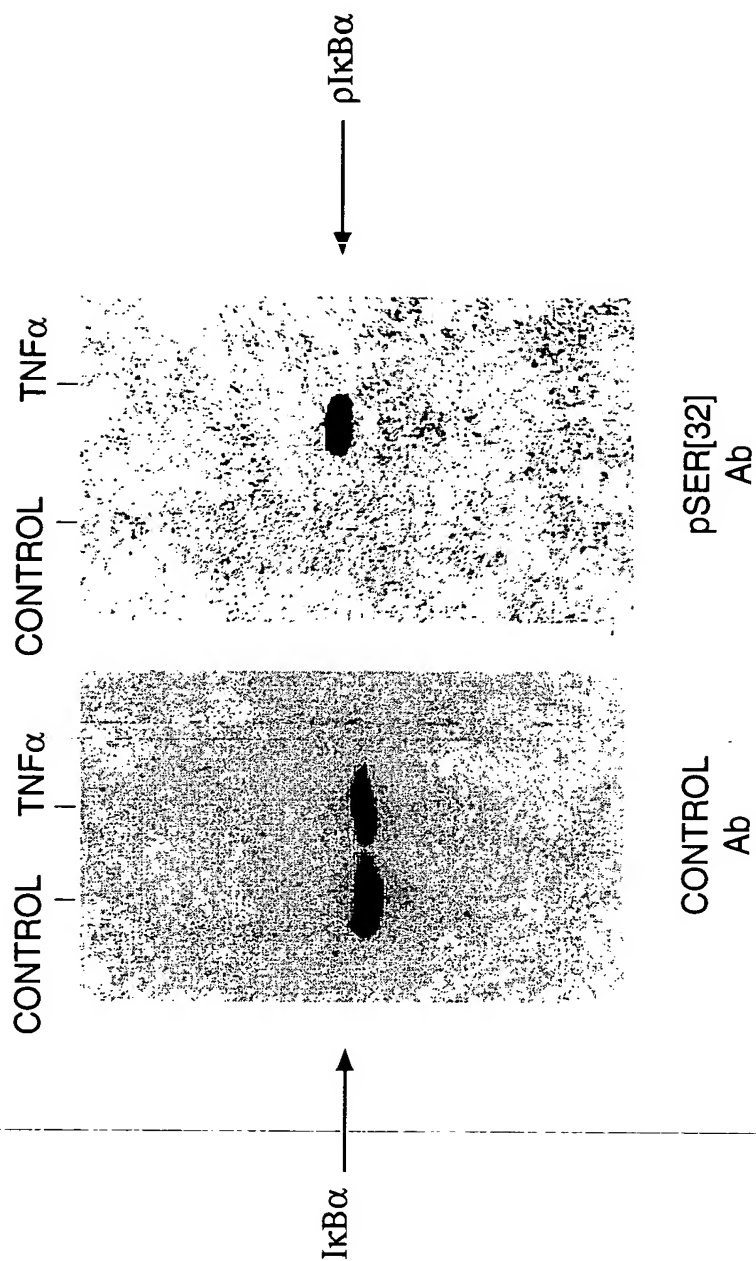


FIG. 23

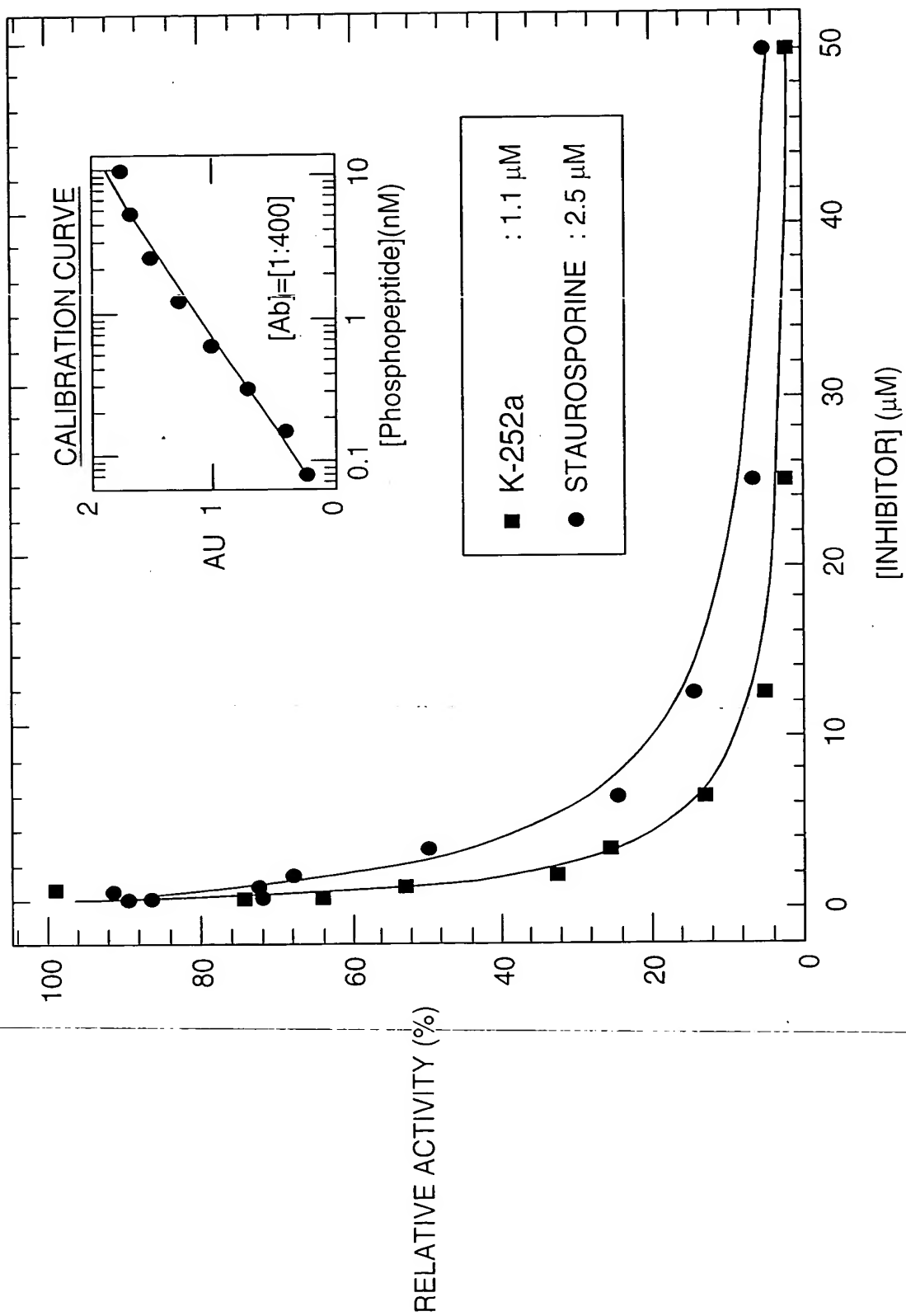


FIG. 24